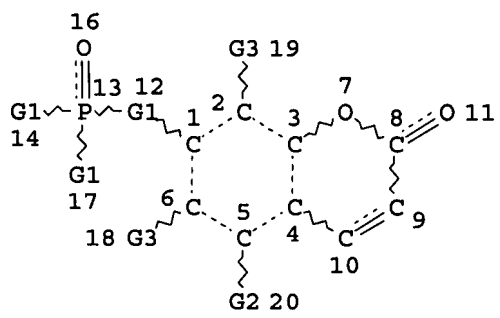


10/553650



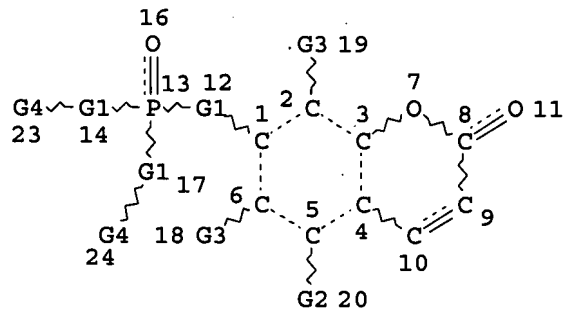
O~C  
@21 22

VAR G1=O/S  
VAR G2=H/21  
VAR G3=X/H  
NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RSPEC I  
NUMBER OF NODES IS 21

STEREO ATTRIBUTES: NONE

=> d sia l7  
L7 HAS NO ANSWERS  
L7 STR



O~C  
@21 22

VAR G1=O/S  
VAR G2=H/21  
VAR G3=X/H  
VAR G4=ME/ET/N-PR/I-PR  
NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

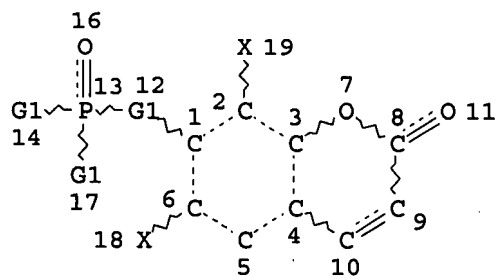
NUMBER OF NODES IS 23

STEREO ATTRIBUTES: NONE

=> d sia l1

L1 HAS NO ANSWERS

L1 STR



VAR G1=O/S

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE

=>

```
VAR G1=O/S
NODE ATTRIBUTES:
NSPEC      IS RC      AT 27
NSPEC      IS RC      AT 30
DEFAULT MLEVEL IS ATOM
```

L15 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

2003:220003 Document No. 138:381255 Enzymatic Profiling System in a Small-Molecule Microarray. Zhu, Qing; Uttamchandani, Mahesh; Li, Dongbo; Lesaicherre, Marie L.; Yao, Shao Q. (Departments of Chemistry and Biological Sciences, National University of Singapore, Singapore, 117543, Singapore). Organic Letters, 5(8), 1257-1260 (English) 2003. CODEN: ORLEF7. ISSN: 1523-7060. OTHER SOURCES: CASREACT 138:381255. Publisher: American Chemical Society.

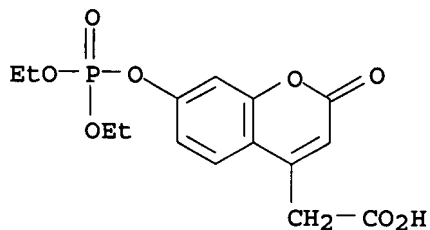
AB We have developed a microarray-based strategy for detection of three major classes of hydrolytic enzymes on the basis of their catalytic activities. This enables the sensitive detection of proteins not merely by their bindings but rather by their enzymic activities. This may provide a valuable tool for screening, identification, and characterization of new enzymes in a high-throughput fashion.

IT 525579-03-7P

RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(enzymic profiling system in small-mol. microarray)

RN 525579-03-7 CAPLUS

CN 2H-1-Benzopyran-4-acetic acid, 7-[(diethoxyphosphinyl)oxy]-2-oxo- (9CI)  
(CA INDEX NAME)



IT 525579-00-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(enzymic profiling system in small-mol. microarray)

RN 525579-00-4 CAPLUS

CN 2H-1-Benzopyran-4-acetic acid, 7-[(diethoxyphosphinyl)oxy]-2-oxo-, methyl ester (9CI) (CA INDEX NAME)